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(21) International Application Number: PCT/US99/17596 (22) International Filing Date: 4 August 1999 (04.08.99) (30) Priority Data: 60/095,267 4 August 1998 (04.08.98) US (71) Applicant (for all designated States except US): THE HENRY M. JACKSON FOUNDATION [US/US]; Suite 600, 1401 Rockville Pike, Rockville, MD 20852 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): QUINNAN, Gerald, V., Jr. [US/US]; Uniformed Services, University of the Health Sciences (Department of Preventive Medicine and Biometrics), 4301 Jones Bridge Road, Bethesda, MD 20814-4799 (US). ZHANG, Peng, Fei [CN/US]; Department of Preventive Medicine and Biometrics, 4301 Jones Bridge Road, Bethesda, MD 20814-4799 (US). (74) Agent: ADLER, Reid, G.; Morgan, Lewis & Bockius LLP, 1800 M Street, N.W., Washington, DC 20036-5869 (US).		(81) Designated States: AU, CA, JP, US, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i>
(54) Title: <u>EXPRESSION AND CHARACTERIZATION OF HIV-1 ENVELOPE PROTEIN ASSOCIATED WITH A BROADLY REACTIVE NEUTRALIZING ANTIBODY RESPONSE</u>		
(57) Abstract <p>The present invention relates to HIV-1 envelope proteins from a donor with non-progressive HIV-1 infection whose serum contains broadly cross-reactive, primary virus neutralizing antibody. The invention also relates to isolated or purified proteins and protein fragments that share certain amino acids at particular positions with the foregoing HIV-1 proteins.</p>		

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